

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: H. William BOSCH et al.

Title: BIOADHESIVE
NANOPARTICULATE
COMPOSITIONS HAVING
CATIONIC SURFACE
STABILIZERS



Appl. No.: Not yet assigned

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Filing Date: Concurrently

Examiner: Not yet assigned

Art Unit: Not yet assigned

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

Commissioner for Patents
Box PATENT APPLICATION
Washington, D.C. 20231

Sir:

Applicants submit herewith on Form PTO-1449 a listing of the documents cited by or submitted to the U.S. PTO in parent application Serial No. 09/414,159, filed 10/08/1999. As provided in 37 CFR §1.98(d), copies of Document Nos. A1-A54 are not being provided since they were previously submitted to the United States Patent & Trademark Office in the above-identified parent application. Copies of Document Nos. A55-A66 are provided herewith.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), within three (3) months of the filing date of the application.



RELEVANCE OF EACH DOCUMENT

All of the documents are in English.

Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO-1449 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date MM Dec 7, 2001

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Form PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 029318-0799		SERIAL NO. Not yet assigned		
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANT H. William BOSCH et al.				
				FILING DATE Concurrently		GROUP ART UNIT Not yet assigned		
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
	A1	4,826,689	May 2, 1989	Violante et al.				
	A2	5,776,496	July 7, 1998	Violante et al.				
	A3	5,741,522	April 21, 1998	Violante et al.				
	A4	4,783,484	Nov. 8, 1988	Violante et al.				
	A5	4,997,454	March 5, 1991	Violante et al.				
	A6	5,935,921	August, 1999	Meunier				
	A7	5,935,920	August, 1999	Geke et al.				
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
	A44	0 577 215	01/94	Europe				
	A45	98/07414	02/98	WIPO				
	A46	00/18374	04/00	WIPO				
	A47	00/53164	09/00	WIPO				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
	A64	Improved Oral Absorption of Enteric Coprecipitates of a Poorly Soluble Drug by Kondo et al., <i>Journal of Pharmaceutical Sciences</i> , Vol. 83, No. 4, April 1994, pages 566-570.						
	A65	Improved Oral Absorption of a Poorly Water-Soluble Drug, HO-221, by Wet-Bead Milling Producing Particles In Submicron Region, by Kondo et al., <i>Chem. Pharm. Bull.</i> 41(4) 737-740 (1993).						
	A66	Pharmacokinetics of a Micronized, Poorly Water-Soluble Drug, HO-221, in Experimental Animals, Kondo et al. <i>Biol. Pharm. Bull.</i> 16(8) 796-800 (1993).						
EXAMINER				DATE CONSIDERED				
* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.								

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	A8	5,935,908	August, 1999	Farooq et al.			
	A9	5,935,561	August, 1999	Inman et al.			
	A10	5,935,272	August, 1999	Mahaffey Jr. et al.			
	A11	5,935,271	August, 1999	Lappas et al.			
	A12	5,932,535	August, 1999	Neuss et al.			
	A13	5,932,404	August, 1999	Chen et al.			
	A14	5,932,253	August, 1999	Trinh et al.			
	A15	5,932,202	August, 1999	Guskey et al.			
	A16	5,932,193	August, 1999	Lopez et al.			
	A17	5,929,015	July, 1999	Lagnemo et al.			
	A18	5,929,024	July, 1999	Stringer et al.			
	A19	5,912,219	June, 1999	Carrie et al.			
	A20	5,862,999	January, 1999	Czekai et al.			
	A21	5,766,635	June, 1998	Spencehauer et al.			
	A22	5,718,388	February, 1998	Czekai et al.			
	A23	5,665,331	September, 1997	Bagchi et al.			
	A24	5,622,938	April, 1997	Wong			
	A25	5,662,883	September, 1997	Bagchi et al.			
	A26	5,593,657	January, 1997	Ruddy et al.			
	A27	5,591,456	January, 1997	Franson et al.			
	A28	5,587,143	December, 1996	Wong			
	A29	5,580,579	December, 1996	Ruddy et al.			
	A30	5,569,448	October, 1996	Wong et al.			
	A31	5,565,188	October, 1995	Wong et al.			
	A32	5,518,187	May, 1996	Bruno et al.			
	A33	5,510,118	April 1996	Bosch et al.			
	A34	5,510,118	April, 1996	Anderson et al.			
	A35	5,470,583	November, 1995	Na et al.			
	A36	5,447,710	September, 1995	Na et al.			

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EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	A37	5,429,824	July, 1995	June			
	A38	5,399,363	March, 1995	Liversidge et al.			
	A39	5,346,702	September, 1994	Na et al.			
	A40	5,336,507	August, 1994	Na et al.			
	A41	5,326,552	July, 1994	Na et al.			
	A42	5,298,262	March, 1994	Na et al.			
	A43	5,145,684	August, 1992	Liversidge et al.			
	A55	4,904,668	Feb. 27, 1990	Kondo et al.			
	A56	5,002,952	March 26, 1991	Kondo et al.			
	A57	5,098,907	March 24, 1992	Kondo et al.			
	A58	4,983,605	Jan. 8, 1991	Kondo et al.			
	A59	4,727,077	Feb. 23, 1988	Haga et al.			
	A60	5,264,213	Nov. 23, 1993	Shibahara et al.			
	A61	4,851,421	July 25, 1989	Iwasaki et al.			
	A62	4,540,602	Sept. 10, 1985	Motoyama et al.			

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							YES	NO
	A48	97/35603	10/97	WIPO				
	A49	01/17546	03/01	WIPO				
	A50	549 524	06/93	Europe				
	A51	461 079	12/91	Europe				
	A52	91/10653	07/91	WIPO				
	A53	315 589	05/89	Europe				
	A54	275 796	07/88	Europe				
	A63	0 262 560	06.04.88	Europe				

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